IAP6 Rec'd PCT/PTO 28 DEC 2005

SEQUENCE LISTING

<110>	WIDMANN, Christian YANG, Jiang-Yang MICHOD, David								
<120>	RasGAP derived peptide for selectively killing cancer cells								
<130>	KZI-004US								
	PCT/IB2004/002165 2004-06-29								
<150>	US 60/483,691								
<151>	2003-06-30								
<160>	17								
<170>	PatentIn version 3.1								
<210>	1								
<211>	249								
<212>	DNA .								
<213>	Homo sapiens								
<400> gaagata	1 agaa ggcgtgtacg agctattcta ccttacacaa aagtaccaga cactgatgaa	60							
ataagti	ttct taaaaggaga tatgttcatt gttcataatg aattagaaga tggatggatg 1	120							
tgggtta	acaa atttaagaac agatgaacaa ggccttattg ttgaagacct agtagaagag 1	180							
gtgggc	cggg aagaagatcc acatgaagga aaaatatggt tccatgggaa gatttccaaa 2	240							
caggaa	gct .	249							
<210>	2								
<211>	204								
<212>	DNA								

010	77	
<213>	Homo	sapiens

	_						
<400> gtacgag	2 gcta	ttctacctta	cacaaaagta	ccagacactg	atgaaataag	tttcttaaaa	60
ggagata	atgt	tcattgttca	taatgaatta	gaagatggat	ggatgtgggt	tacaaattta	120
agaacag	gatg	aacaaggcct	tattgttgaa	gacctagtag	aagaggtggg	ccgggaagaa	180
gatccad	catg	aaggaaaaat	atgg				204
<210>	3						
<211>	174						
<212>	DNA						
<213>	Homo	sapiens					
<400>	3						
	gcta	ttctacctta	cacaaaagta	ccagacactg	atgaaataag	tttcttaaaa	60
ggagata	atgt	tcattgttca	taatgaatta	gaagatggat	ggatgtgggt	tacaaattta	120
agaacag	gatg	aacaaggcct	tattgttgaa	gacctagtag	aagaggtggg	ccgg	174
<210>	4						
<211>	30						
<212>	DNA						
<213>	Homo	sapiens					
.400							
<400> tggatgt	4 tggg	ttacaaattt	aagaacagat				30
<210>	5						
<211>	83						
<212>	PRT						
-2135	Home	n canienc					

<400> 5

Glu Asp Arg Arg Val Arg Ala Ile Leu Pro Tyr Thr Lys Val Pro 1 $$ 5 $$ 10 $$ 15

Asp Thr Asp Glu Ile Ser Phe Leu Lys Gly Asp Met Phe Ile Val His 20 25 30

Asn Glu Leu Glu Asp Gly Trp Met Trp Val Thr Asn Leu Arg Thr Asp 35 40 45

Glu Gln Gly Leu Ile Val Glu Asp Leu Val Glu Glu Val Gly Arg Glu 50 60

Glu Asp Pro His Glu Gly Lys Ile Trp Phe His Gly Lys Ile Ser Lys 65 70 75 80

Gln Glu Ala

<210> 6

<211> 69

<212> PRT

<213> Homo sapiens

<400> 6

Arg Val Arg Ala Ile Leu Pro Tyr Thr Lys Val Pro Asp Thr Asp Glu

5 10 15

Ile Ser Phe Leu Lys Gly Asp Met Phe Ile Val His Asn Glu Leu Glu 20 25 30

Asp Gly Trp Met Trp Val Thr Asn Leu Arg Thr Asp Glu Gln Gly Leu 35 40 45

Ile Val Glu Asp Leu Val Glu Glu Val Gly Arg Glu Glu Asp Pro His 50 55 60

Glu Gly Lys Ile Trp 65

<210> 7

<211> 59

<212> PRT <213> Homo sapiens <400> 7 Arg Val Arg Ala Ile Leu Pro Tyr Thr Lys Val Pro Asp Thr Asp Glu Ile Ser Phe Leu Lys Gly Asp Met Phe Ile Val His Asn Glu Leu Glu Asp Gly Trp Met Trp Val Thr Asn Leu Arg Thr Asp Glu Gln Gly Leu Ile Val Glu Asp Leu Val Glu Glu Val Gly Arg <210> 8 <211> 10 <212> PRT <213> Homo sapiens <400> 8 Trp Met Trp Val Thr Asn Leu Arg Thr Asp <210> 9 <211> 10 <212> PRT <213> Bos taurus <400> 9 Trp Met Trp Val Thr Asn Leu Arg Thr Asp 10 <210> 10

<211> 10

```
<212> PRT
<213> Mus musculus
<400> 10
Trp Met Trp Val Thr Asn Leu Arg Thr Asp
<210> 11
<211> 10
<212> PRT
<213> Rattus norvegicus
<400> 11
Trp Met Trp Val Thr Asn Leu Arg Thr Asp
<210> 12
<211> 10
<212> PRT
<213> Anopheles albimanus
<400> 12
Trp Leu Trp Val Thr Ala His Arg Thr Gly
                                   10
<210> 13
<211> 10
<212> PRT
<213> Drosophila melanogaster
<400> 13
Trp Leu Trp Val Thr Ala His Arg Thr Gly
                                   10
```

<210> 14

```
<211> 10
<212> PRT
<213> Homo sapiens
<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223>
      Xaa corresponds to an amino acid residue that can be cahnged by con
       servative or non-conservative amino-acid substitution.
<220>
<221>
     MISC_FEATURE
<222> (6)..(7)
<223> Xaa correspond to amino acid residues that can be changed by conser
       vative or non-conservative amino-acid substitutions.
<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> Xaa corresponds to an amino acid residue that can be changed by con
       servative or non-conservative amino-acid substitution.
<220>
<221> MISC FEATURE
<222> (10)..(10)
<223> Xaa corresponds to an amino acid residue that can be changed by con
       servative or non-conservative amino-acid substitution.
<400> 14
Trp Xaa Trp Val Thr Xaa Xaa Arg Thr Xaa
                                    10
<210> 15
<211> 10
<212> PRT
```

<213> Artificial Sequence

```
<220>
<223> Synthetic Construct
Gly Arg Lys Lys Arg Arg Gln Arg Arg
<210> 16
<211> 22
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
Gly Arg Lys Lys Arg Arg Gln Arg Arg Gly Gly Trp Met Trp Val
Thr Asn Leu Arg Thr Asp
           20
<210> 17
<211> 12
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<400> 17
Met Gly Tyr Pro Tyr Asp Val Pro Asp Tyr Ala Ser
                                    10
```